

Converting Colors

XYZ(11.4277, 20.3465, 7.0161)

Have a look what the booklet for
XYZ(11.4277, 20.3465, 7.0161)
contains.

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Color

**XYZ(11.4507, 20.4019,
7.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	298F38
RGB	41, 143, 56
RGB Percent	16%, 56%, 22%
CMY	0.8392, 0.4392, 0.7804
CMYK	0.71, 0.00, 0.61, 0.44
HSL	129°, 55%, 36%
HSV	129°, 71%, 56%
XYZ	11.4507, 20.4019, 7.0758
YIQ	102.5840, -32.8650, -48.6810

Conversions

Conversions Part 2

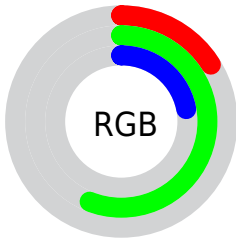
Format	Color
RYB	41, 130, 143
Decimal	2723640
CIELab	52.29, -47.40, 37.33
CIELCh	52, 60.337, 141.778
Yxy	20.4019, 0.2941, 0.5241
Android (android.graphics.Color)	4280913720 (0xFF298F38)
YUV	102.5840, -22.9659, -54.0092
Hunter-Lab	45.1685, -33.7931, 22.3299

Details

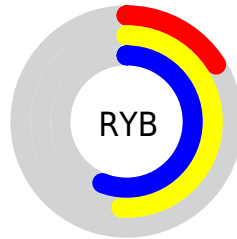
The XYZ color **11.4507, 20.4019, 7.0758** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **16.0174, 8.9843, 21.3120**, and the grayscale version is **12.8475, 13.5166, 14.7196**.

A 20% lighter version of the original color is **28.1624, 44.1955, 20.6819**, and **3.7575, 7.4887, 1.3336** is the 20% darker color. If you saturate the color by 10%, you get **10.7179, 20.0551, 5.6699**, and if you desaturate by 10%, it is **12.4644, 20.8863, 8.8753**.

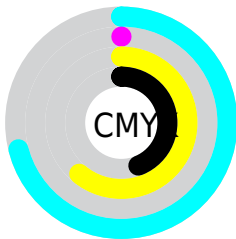
Distribution



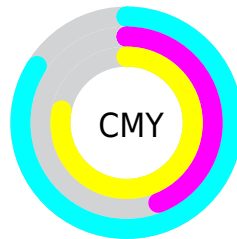
- Red (16%)
- Green (56%)
- Blue (22%)



- Red (16%)
- Yellow (51%)
- Blue (56%)



- Cyan (71%)
- Magenta (0%)
- Yellow (61%)
- Black (44%)




- Cyan (84%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.4507, 20.4019, 7.0758 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.4507, 20.4019, 7.0758 by changing the saturation by 10% instead.


 11.4507, 20.4019,
7.0758


 11.4507, 20.4019,
7.0758

194.5792,
254.0826, 177.9468


 6.4404, 12.6875,
3.4304


 28.1163, 44.0900,
20.6410


 3.1578, 7.2137,
1.3184


 40.5022, 60.8325,
31.3979


 1.2378, 3.5961,
0.0768


 56.0773, 81.3531,
45.3623

 0.1359, 1.4503,
0.0000

 75.2071, 106.0363,
62.9528

 0.0000, 0.2534,
0.0000

 98.2568, 135.2665,
84.5880

 0.0000, 0.0000,
0.0000

 125.5918,

169.4280, 110.6864

157.5775,
208.9052, 141.6665

■ 11.4507, 20.4019,
7.0758

■ 11.4507, 20.4019,
7.0758

■ 10.7179, 20.0551,
5.6699

■ 12.4644, 20.8863,
8.8753

■ 10.2356, 19.8290,
4.6267

■ 13.7826, 21.5181,
11.0934

■ 9.9586, 19.7001,
3.9887

■ 15.4280, 22.3091,
13.7547

■ 17.4206, 23.2693,
16.8814

■ 19.7791, 24.4075,
20.4944

■ 22.5204, 25.7325,
24.6130

■ 25.6608, 27.2519,
29.2559

■ 29.2154, 28.9732,
34.4406

■ 33.1985, 30.9036,
40.1836

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.2950, 20.4019, 3.1983



11.4507, 20.4019, 7.0758



9.8216, 20.4019, 17.6796

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.4507, 20.4019, 7.0758



17.7356, 20.4019, 76.0568



32.7067, 20.4019, 11.7998

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.4507, 20.4019, 7.0758



16.0174, 8.9843, 21.3120

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.7500, 20.4019, 27.4646



11.4507, 20.4019, 7.0758



24.1607, 20.4019, 71.4146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.4507, 20.4019, 7.0758



12.9096, 20.4019, 61.2962



30.3495, 20.4019, 50.7515



27.7446, 20.4019, 4.7361

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.4507, 20.4019, 7.0758



9.9035, 20.4019, 29.9402



30.3495, 20.4019, 50.7515



33.5643, 20.4019, 15.9467

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.4512, 20.4027, 7.0763



35.3676, 43.6831, 36.6216



19.3376, 24.5046, 5.8084



7.8589, 9.8960, 8.0155



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.4512, 20.4027, 7.0763



18.5854, 35.6284, 8.8708



13.3182, 21.1495, 16.9076



5.3732, 6.0415, 5.9312



8.8101, 17.4199, 3.5542



0.0892, 0.1685, 0.0601

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.0174, 8.9843, 21.3120



27.2323, 13.8296, 35.6986



13.5107, 7.9816, 8.1118



5.5926, 5.4976, 6.6188



13.1260, 6.4074, 16.8468



0.1315, 0.0637, 0.1927

Previews

White Background



This preview shows how the XYZ color 11.4507, 20.4019, 7.0758 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 11.4507, 20.4019, 7.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4507, 20.4019, 7.0758

Background



This preview shows how black text looks on a background with the XYZ color 11.4507, 20.4019, 7.0758.



This preview shows how white text looks on a background with the XYZ color 11.4507, 20.4019,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.4507, 20.4019, 7.0758

Protanopia

18.2646, 20.0489, 5.9248

Deuteranopia

20.3245, 19.9911, 7.4901



Tritanopia

16.0198, 20.3235, 29.8666

Trichromacy



Original Color

11.4507, 20.4019, 7.0758

Protanomaly

14.3297, 19.3641, 6.2312

Deuteranomaly

15.0871, 18.9497, 7.1375

Tritanomaly

13.6712, 19.9831, 18.7594

Monochromacy



Original Color

11.4507, 20.4019, 7.0758

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.4664, 15.3342, 11.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4507, 20.4019, 7.0758 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(41, 143, 56)` looks like.

```
.text, #text, p{  
    color:rgb(41, 143, 56)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(41, 143, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 143, 56) }
```

Border

The CSS property to change the border of an element to XYZ 11.4507, 20.4019, 7.0758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 143, 56) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(41, 143, 56) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(41, 143, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 143, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 143, 56);  
box-shadow:4px 4px 4px 4px rgb(41, 143,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4507, 20.4019, 7.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 143, 56) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(41, 143,  
56) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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